


**INFORMATION  
DISCLOSURE  
STATEMENT**

Atty. Docket No.: 235.00540101	Serial No.: 10/579,090
Applicant(s): Duncan C. Ferguson	Confirmation No.: 5257
Application Filing Date: May 12, 2006	Group: 1761
Information Disclosure Statement mailed:	December 29, 2006

**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,036,945	07/19/77	Haber			
		4,331,647	05/25/82	Goldenberg			
		5,196,513	03/23/83	Ryan et al.			
		5,560,922	10/01/96	Chien et al.			
		5,788,983	08/04/98	Chien et al.			
		5,840,566	11/24/98	Kourides et al.			
		6,114,144	09/05/00	Kourides et al.			
		6,117,991	09/12/00	Wondisford et al.			
		6,284,491	09/04/01	Wondisford et al.			
		6,306,434	10/23/01	Hong et al.			
		6,342,221	01/29/02	Thorpe et al.			
		6,365,127	04/02/02	Kourides et al.			
		6,365,146	04/02/02	Uhrich			
		2001/0053538 A1	12/20/01	Wondisford et al.			
		2003/0198596 A1	10/23/03	Kourides et al.			
		2004/0132137 A1	07/08/04	Wondisford et al.			
		2006/0148005 A1	07/06/06	Wondisford et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	X	EP 0 228 604 A2, A3	07/15/87	EPO				
	X	WO 90/08528 A1	08/09/90	WIPO				
	X	WO 2005/047319 A1	05/26/05	WIPO				

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**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial	Copy Enclosed	Document Description
	X	Bruyette, "Feline Hyperthyroidism," World Congress [online]. World Small Animal Veterinary Association World Congress, Vancouver, BC, Canada, August 8-11, 2001 [retrieved on 2003-11-05]. Retrieved from the Internet:<URL:www.vin.com/VINDBPub/SearchPB/Proceedings/PR05000/PR00107.htm>; 5 pgs.
	X	Huysmans et al., "Administration of a Single Low Dose of Recombinant Human Thyrotropin Significantly Enhances Thyroid Radioiodide Uptake in Nontoxic Nodular Goiter," <i>The Journal of Clinical Endocrinology &amp; Metabolism</i> , Oct. 2000; 85(10):3592-3596.
	X	Narayan et al., "Functional Expression of Yoked Human Chorionic Gonadotropin in Baculovirus-Infected Insect Cells," <i>Molecular Endocrinology</i> , Dec. 1995; 9(12):1720-1726.
	X	National Center for Biotechnology Information, GenBank Locus AF160250, Accession No. AF160250, "Canis familiaris thyrotropin alpha subunit mRNA, complete cds." [online] Bethesda, MD [retrieved on 2006-10-02]. Retrieved from the Internet:< <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=5360187">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=5360187</a> >; 2 pages.
	X	National Center for Biotechnology Information, GenBank Locus AF354939, Accession No. AF354939, "Panthera tigris altaica glycoprotein hormone alpha subunit (GPH) mRNA, complete cds." [online] Bethesda, MD [retrieved on 2006-10-02]. Retrieved from the Internet:< <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=13561973">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=13561973</a> >; 2 pages.
	X	National Center for Biotechnology Information, GenBank Locus AF408393, Accession No. AF408393, "Panthera tigris altaica glycoprotein hormone alpha subunit precursor, mRNA, complete cds." [online] Bethesda, MD [retrieved on 2006-10-03]. Retrieved from the Internet:< <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=22535904">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=22535904</a> >; 2 pages.

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	X	National Center for Biotechnology Information, GenBank Locus AY972823, Accession No. AY972823, "Felis catus thyrotropin alpha mRNA, complete cds." [online] Bethesda, MD [retrieved on 2006-10-02]. Retrieved from the Internet:< <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=62530408">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=62530408</a> >; 2 pages.
	X	National Center for Biotechnology Information, GenBank Locus AY972824, Accession No. AY972824, "Felis catus thyrotropin beta (TSHB) gene, complete cds." [online] Bethesda, MD [retrieved on 2006-10-02]. Retrieved from the Internet: < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=62530410">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=62530410</a> >; 2 pages.
	X	National Center for Biotechnology Information, GenBank Locus P54828, Accession No. P54828, "Thyrotropin beta chain precursor (Thyroid-stimulating hormone beta subunit) (TSH-beta) (TSH-B)." [online] Bethesda, MD [retrieved on 2006-10-02]. Retrieved from the Internet:< <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;val=1717805">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;val=1717805</a> >; 3 pages.
	X	National Center for Biotechnology Information, GenBank Locus Q9SXW8, Accession No. Q9SXW8, "Chlorophyll a/b-binding protein." [online] Bethesda, MD [retrieved on 2006-10-02]. Retrieved from the Internet:< <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;val=75266683">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;val=75266683</a> >; 2 pages.
	X	National Center for Biotechnology Information, GenBank Locus CFU51644, Accession No. U51644, "Canis familiaris thyrotropin beta chain mRNA, complete cds." [online] Bethesda, MD [retrieved on 2006-10-02]. Retrieved from the Internet:< <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=1263292">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&amp;val=1263292</a> >; 2 pages.
	X	Nguyen et al., "Cloning of the Cat TSH Receptor and Evidence Against an Autoimmune Etiology of Feline Hyperthyroidism," <i>Endocrinology</i> , 2002; 143(2):395-402.

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	X	Rayalam et al., "Recombinant Feline Thyrotropin (fTSH): Immunological Detection and Bioactivity," Abstract, Fifth Annual Georgia Graduate Student Interdisciplinary Conference, February 11-12, 2005; University of Georgia, Athens, GA, title page, Table of Contents, partial schedule for Saturday, Feb. 12, and page 20.
	X	Rayalam et al., "Cloning and sequencing of feline thyrotropin (fTSH): Heterodimeric and yoked constructs," Abstract, Proceedings of the 23 <sup>rd</sup> Veterinary Medical Forum, American College of Veterinary Internal Medicine, Baltimore, MD; June 1-4, 2005.
	X	Rayalam et al., "Expression and purification of feline thyrotropin (fTSH): Immunological detection and bioactivity of heterodimeric and yoked glycoproteins," Abstract, Proceedings of the 23 <sup>rd</sup> Veterinary Medical Forum, American College of Veterinary Internal Medicine, Baltimore, MD; June 1-4, 2005.
	X	Rayalam et al., "Cloning and sequencing of feline thyrotropin (fTSH): Heterodimeric and yoked constructs," <i>Domestic Animal Endocrinology</i> , March 2006; 30:203-217. Published on-line August 9, 2005.
	X	Rayalam et al., "Expression and purification of feline thyrotropin (fTSH): Immunological detection and bioactivity of heterodimeric and yoked glycoproteins," <i>Domestic Animal Endocrinology</i> , March 2006; 30:185-202. Published on-line August 10, 2005.

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